

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	743	(360/324.12).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/10/01 21:19
L2	617	@ad<"20040331" and 1	US-PGPUB; USPAT	OR	ON	2006/10/01 22:05
L3	165	@riad<"20040331" and 1	US-PGPUB; USPAT	OR	ON	2006/10/01 21:19
L4	675	2 3	US-PGPUB; USPAT	OR	ON	2006/10/01 22:04
L5	43	1 and provisional	US-PGPUB; USPAT	OR	ON	2006/10/01 21:19
L6	0	5 not 4	US-PGPUB; USPAT	OR	ON	2006/10/01 21:19
L7	1	10/256778	US-PGPUB; USPAT	OR	ON	2006/10/01 21:21
L8	17	("20010033465" "20030179517" "20030206384" "5287238" "5329413" "5508867" "5768067" "5784225" "5867351" "5869963" "5898549" "6031692" "6430014" "6466419" "6556392" "6636396" "6674616").PN.	US-PGPUB; USPAT	OR	ON	2006/10/01 21:21
L9	6	("6122151"   "6185078"   "6219207").PN. OR ("6636396").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/01 21:26
L10	32	renner.xa,xp. and 4	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/01 21:26
L11	10	("20030179513"   "20030235016"   "6023395"   "6473279"   "6741432"   "6741433"   "6747852"   "6807033"   "6831816").PN. OR ("7023670").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/01 21:32
L12	1	"20030103329"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/01 21:33
L13	2	"20030103299"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/01 21:33
L14	68	1 not 4	US-PGPUB; USPAT	OR	ON	2006/10/01 21:47
L15	931	free with bias\$7 with length	US-PGPUB; USPAT	OR	ON	2006/10/01 21:47
L16	1167	360/324.12	US-PGPUB; USPAT	OR	ON	2006/10/01 21:47
L17	1206	1 16	US-PGPUB; USPAT	OR	ON	2006/10/01 21:47

## EAST Search History

L18	30	15 and 17	US-PGPUB; USPAT	OR	ON	2006/10/01 21:47
L19	537	(360/324.11).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/10/01 22:04
L20	446	@ad<"20040331" and 19	US-PGPUB; USPAT	OR	ON	2006/10/01 23:09
L21	110	@rlad<"20040331" and 19	US-PGPUB; USPAT	OR	ON	2006/10/01 22:05
L22	482	20 21	US-PGPUB; USPAT	OR	ON	2006/10/01 22:05
L23	27	19 and provisional	US-PGPUB; USPAT	OR	ON	2006/10/01 22:05
L24	0	23 not 22	US-PGPUB; USPAT	OR	ON	2006/10/01 22:05
L25	349	22 not 4	US-PGPUB; USPAT	OR	ON	2006/10/01 22:05
L26	12	("6556392").URPN.	USPAT	OR	ON	2006/10/01 22:09
L27	2	("2003/0206384").URPN.	USPAT	OR	ON	2006/10/01 22:13
L28	1	("2004/0057162").URPN.	USPAT	OR	ON	2006/10/01 22:16
L29	7	("5408377"   "5608593"   "5668688"   "5739988"   "5796561"   "6040962"   "6055135").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/01 22:17
L30	23	("5828530"   "5898547"   "5898548"   "5901018"   "6061210"   "6097579"   "6114719"   "6120920"   "6125009"   "6185078"   "6185079"   "6185080"   "6256178"   "6271997"   "6275363"   "6295187"   "6466419"   "6542340"   "6580587").PN. OR ("6819530").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/01 22:19
L31	28	("6466419").URPN.	USPAT	OR	ON	2006/10/01 22:23
L32	6	("20020030947"   "5883763"   "5898548"   "6023395"   "6430010"   "6466419").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/01 22:23
L33	27	("4103315"   "4436593"   "4663685"   "4713708"   "4785366"   "5206590"   "5251170"   "5390061"   "5420819"   "5446613"   "5496759"   "5578342"   "5583725"   "5668688"   "5729410"   "5753131"   "5756366"   "5804085"   "5863448"   "5867889"   "5880910"   "5901432"   "5949623"   "6023395"   "6341053"   "6466419"   "6504689"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/01 22:24
L34	10	("20020167769"   "5287238"   "5508867"   "5608593"   "5909345"   "6185078"   "6268985"   "6317297"   "6466419"   "6556392").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/01 22:25

## EAST Search History

L35	1	"20020167767"	US-PGPUB; USPAT	OR	ON	2006/10/01 23:08
L36	504	(360/324.2).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/10/01 23:09
L37	1141	1 19	US-PGPUB; USPAT	OR	ON	2006/10/01 23:09
L38	402	36 not 37	US-PGPUB; USPAT	OR	ON	2006/10/01 23:09
L39	324	@ad<"20040331" and 38	US-PGPUB; USPAT	OR	ON	2006/10/01 23:10
L40	108	@rlad<"20040331" and 38	US-PGPUB; USPAT	OR	ON	2006/10/01 23:09
L41	361	39 40	US-PGPUB; USPAT	OR	ON	2006/10/01 23:10
L42	26	38 and provisional	US-PGPUB; USPAT	OR	ON	2006/10/01 23:09
L43	2	42 not 41	US-PGPUB; USPAT	OR	ON	2006/10/01 23:09
L44	316	(360/319).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/10/01 23:10
L45	1543	36 37	US-PGPUB; USPAT	OR	ON	2006/10/01 23:10
L46	293	44 not 45	US-PGPUB; USPAT	OR	ON	2006/10/01 23:10
L47	259	@ad<"20040331" and 46	US-PGPUB; USPAT	OR	ON	2006/10/01 23:11
L48	67	@rlad<"20040331" and 46	US-PGPUB; USPAT	OR	ON	2006/10/01 23:11
L49	270	47 48	US-PGPUB; USPAT	OR	ON	2006/10/01 23:11
L50	34	46 and provisional	US-PGPUB; USPAT	OR	ON	2006/10/01 23:11
L51	236	49 not 50	US-PGPUB; USPAT	OR	ON	2006/10/01 23:11
L52	0	50 not 49	US-PGPUB; USPAT	OR	ON	2006/10/01 23:11